



## Land and Chemicals Division

Type of Document: ☐ Notice of Violation and Inspection Report/Checklist  
☒ No Violation Letter and Inspection Report/Checklist  
☐ Letter of Acknowledgment  
☐ Information Request  
☐ Pre-Filing and Opportunity to Confer  
☐ State Notification of Enforcement Action  
☐ Return to Compliance  
☐ Other Correspondence

Facility Name: Indiana Michigan Power Company, Tanners Creek

City: Lawrenceburg State: Indiana

U.S. EPA ID#: IND000815878

Assigned Staff: Robert Dean Smith Phone: (312) 886-7568

Name	Signature	Date
Author	<i>Robert Dean Smith</i>	10/6/11
Regional Counsel	—	—
Section Chief	<i>Laura M. Jones</i>	10/27/11
Branch Chief	<i>PK</i>	11/1/11

RFC  
MG  
10/28  
MG  
11/1

### Directions/Request for Clerical Support:

After the Section Chief/Branch Chief signs this sheet and original letter:

1. Date stamp the cover letter;
2. Make one copy of the contents of this folder for the official file; Note: original inspection report goes into file room.
3. Scan the letter and save the file in the appropriate share drive folder.
4. Mail the original certified mail.
5. Distribute office copies and cc's and bcc's by email.

*Once the certified mail receipt is returned:*

6. File the certified mail receipt (green card), with this sign-off sheet and the official file copy, and take to 7<sup>th</sup> floor RCRA file room.
7. E-mail staff the date that the letter was received by facility.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

NOV 02 2011

REPLY TO THE ATTENTION OF:

LR-8J

**CERTIFIED MAIL 7009 1680 0000 7644 8130**  
**RETURN RECEIPT REQUESTED**

Mr. Tim Kerns  
Plant Manager  
Indiana Michigan Power Company, Tanners Creek Plant  
800 AEP Drive  
Lawrenceburg, Indiana 47025

Re: Compliance Evaluation Inspection  
EPA I.D. No.: IND000815878

Dear Mr. Kerns:

On August 31, 2010 a representative of the U.S. Environmental Protection Agency inspected Indiana Michigan Power Company, Tanners Creek Plant, located in Lawrenceburg, Indiana (TC). The purpose of the inspection was to evaluate TC's compliance with hazardous waste, universal waste, and used oil requirements of the Resource Conservation and Recovery Act, as amended (RCRA). Enclosed please find a copy of our inspection report.

Our inspection did not detect violations of the specific RCRA requirements evaluated, as described in the report. Please note that this evaluation is based on observations made by, and information disclosed to EPA during the inspection. This letter does not relieve TC of its obligation to comply with RCRA and other environmental regulations and statutes. We will inspect TC in the future to ensure compliance as part of federal or state environmental inspection programs.

If you have any questions or concerns regarding this matter, please contact Robert Dean Smith, of my staff, at (312) 886-7568.

Sincerely,

A handwritten signature in black ink that reads "Paul Little". The signature is written in a cursive style with a large, stylized "P" and "L".

Paul Little, Acting Chief  
RCRA Branch  
Land and Chemicals Division

Enclosure


cc: [njohnsto@idem.in.gov](mailto:njohnsto@idem.in.gov)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60604

COMPLIANCE EVALUATION INSPECTION REPORT

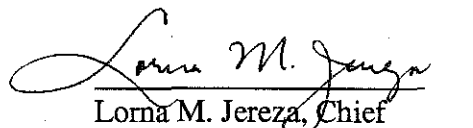
INSTALLATION NAME: Indiana Michigan Power Company, Tanners Creek Plant  
EPA ID NO.: IND000815878  
LOCATION ADDRESS: 800 AEP Drive  
Lawrenceburg, Indiana 47025  
RCRA CLASSIFICATION: Small Quantity Generator  
NAICS CODE: 22111 Electric Power Generator  
DATE OF INSPECTION: August 31, 2010  
EPA INSPECTOR: Robert Smith, LPG

PREPARED BY:

  
Robert Dean Smith, LPG  
CS 1, RCRA Branch  
Land and Chemicals Division

10/6/11  
Date

REVIEWED BY:

  
Lorna M. Jereza, Chief  
CS 1, RCRA Branch  
Land and Chemicals Division

10/27/11  
Date



### Purpose of the Inspection

The purpose of this inspection was to evaluate the facility's compliance with the RCRA regulations as applicable as well as to inspect the ash impoundments at the facility that store or dispose of fly ash. Another aspect of the inspection is to determine if hazardous waste is disposed of in the ash impoundments.

### Participants

Robert Dean Smith, LPG, Environmental Scientist, EPA  
Sharon McFarland, EMS, Plant Environmental Coordinator, Tanners Creek Plant  
Tim Kerns, Plant Manager, Tanners Creek Plant

### Facility Description/Facility Process

The Indiana Michigan Power Company, Tanners Creek Plant's main business is to create electric power from the combustion of coal.

### Facility Inspections/Observations

Upon arrival at the Indiana Michigan Power Company's Tanners Creek Plant (TC), I presented my credentials to Ms. Sharon McFarland. I stated that the purpose of my inspection was to evaluate TC's compliance with RCRA as well as to inspect the surface impoundments that the facility stores its coal ash products. During the initial portion of the inspection, I provided Ms. McFarland with P2 brochures.

### Paperwork Review

Due to EPA's initiative to review the electric power generation industry, TC had completed a lengthy RCRA 3007 information request (request) which was submitted to EPA headquarters. Ms. McFarland was able to produce the answer to the information request immediately which provided much of the information I was gathering for the evaluation of the facility's RCRA compliance.

### Emergency Preparation

A small quantity generator (SQG) of hazardous waste is not required to have a contingency plan. However, a SQG must be able to respond to emergency situations as they arise. TC has an Emergency Action Plan that outlines the responses to various emergencies. TC also has a fire brigade that is capable of addressing any fire that may outbreak.

### Hazardous waste manifests

I reviewed several hazardous waste manifests for the facility. The manifests prove that the facility is a small quantity generator, if not a conditionally exempt small quantity generator. The manifests were without issue.



## Hazardous waste determinations

TC has made several hazardous waste determinations. Profiles from TC's waste hauler are found in the file. Most of the determinations relate to one-time generations of hazardous waste but there is some waste streams, such as paint related material or maintenance waste that are more periodic. There were no issues identified with the hazardous waste determinations.

## Employee training

About 16 to 20 employees are trained in hazardous waste management. The personnel receive hazardous waste training, DOT training and HAZWOPER training. Ms. McFarland receives formal hazardous waste training that fits her job description.

The HAZWOPER training covers labeling hazardous waste containers, keeping the containers closed when not adding or removing waste, placing the accumulation start date on hazardous waste containers, placing a label number on the container (not a RCRA regulation), and universal waste management.

The employees also receive training in response to emergencies.

## Facility Walk-Through

Ms. McFarland and I walked to the area where hazardous waste is stored. There was no waste in storage at the time of the inspection.

## Bottom Ash Complex and the Fly Ash Pond

Ms. McFarland and I also toured both the Bottom Ash Complex and the Fly Ash Pond. Ms. McFarland drove me around each impoundment area.

Prior to my inspection, I reviewed EPA's report on the Bottom Ash Complex and a separate report on the Fly Ash Pond. The reports were written by O'Brien & Gere, a contractor who also inspected the facility in June 2009. The reports are detailed and each report is approximately 40 page long with both engineering diagrams and photographs.

My inspection was to confirm the condition of the surface impoundments and I determined that the surface impoundments appeared to be sound. I referred to the O'Brien & Gere reports during my inspection and confirmed the findings. I agree that the condition of the Fly Ash Pond appeared to be satisfactory.

O'Brien & Gere's report on the Bottom Ash Complex concluded that the condition of the facility was fair. I found that the condition was no less than fair.

Both reports provided recommendations on the respective facilities. I have no more to add to the reports.



### Post-Inspection Briefing

I spoke with Mr. Tim Kerns, Plant Manager and Ms. McFarland at the close of my inspection. I stated that I found no concerns as a result of my inspection.

### Attachments

- I. Photograph
- II. Inspection Checklist



Attachment I, Photograph



<b>Facility:</b> Indiana Michigan Power Company, Tanners Creek Plant, IND000815878
<b>Location:</b> 800 AEP Drive, Lawrenceburg, Indiana 47025
<b>Date:</b> August 31, 2010
<b>Photographer:</b> Robert Dean Smith, LPG
<b>Camera:</b> Nikon Coolpix, 12.0 megapixels
<b>Description:</b> Hazardous waste accumulation area. The area is secured



INDIANA MICHIGAN POWER COMPANY  
800 AEP Drive Lawrenceburg, IN 47025

IND 000815878

U.S. EPA Generator Checklist for Indiana

8/24/2010

**PART 262: Standards Applicable to Generators of Hazardous Waste**

#	40 CFR	NA = Not Applicable, NI = Not Inspected, OK = In Compliance, DF = Deficiency	NA	NI	OK	DF
<b>GENERAL</b>			NA	NI	OK	DF
1	262.11	Hazardous Waste Determination (characteristic, listed, TCLP, knowledge, exclusions) <i>profiles</i>				
2	262.12(a)	EPA Identification Number (Generator must have ID number)			✓	
3	262.12(c)	Generator must not offer waste to transporters or facilities that have not received ID number.			✓	
<b>THE MANIFEST</b>			NA	NI	OK	DF
4	262.20	General Requirements (manifest to approved TSD/alt. TSD, SQG reclaim exemption on file)(all required info)			✓	
5	262.21	Manifest Acquisition (generator state 1st, consignment state 2nd)			✓	
6	262.22	Number of Copies (generator, transporters, TSD, & 1 copy returned to generator)			✓	
7	262.23	Manifest Use (signature & date: generator, transporter, TSD, keep copy)			✓	
8	329 IAC 3.1-7-4	Indiana Manifest required for hazardous waste shipped to Indiana TSD Facilities			✓	
9	329 IAC 3.1-7-6	Manifest copies available for review, submitted copies within 5 days after shipping			✓	
<b>PRE-TRANSPORT REQUIREMENTS</b>						
NOTE: If facility treats in < 90 day tanks or containers, see 268.7						
10	262.30, 31, 32, 33	Packaging, Labeling, Marking, Placarding (DOT regulations) (Only apply if waste is in the process of being transported) *		✓		
<b>LARGE QUANTITY GENERATORS</b>			NA	NI	OK	DF
11	262.34(a)	90 Day accumulation limit: Generator may accumulate on-site for 90 days or less provided that				
12	262.34(a)(1)	Waste is placed in tanks, containers, containment building, or drip pad				
13	262.34(a)(2)	Container marked with start of accumulation date				
14	262.34(a)(3)	Container/tank marked "Hazardous Waste"				
15	262.34(b)	30 Day extension				
<b>SATELLITE CONTAINERS</b> *			NA	NI	OK	DF
16	262.34(c)(1)	Satellite accumulation (55 gal. maximum or one (1) quart acutely hazardous)				
17	262.34(c)(i)	i) Container must be closed when not in use, in good condition, and compatible with waste				
18	262.34(c)(ii)	ii) marked "Hazardous waste" or other words, at or near process and under control of operator				

# U.S. EPA Generator Checklist for Indiana

8/24/2010

19	262.34(c)(2)	If exceed 55 gal., container must be marked with accumulation date and must be removed within 3 days				
<b>SMALL QUANTITY GENERATOR</b>			NA	NI	OK	DF
20	262.34(d)(e)(f)	SQG Requirements - 180 days or less (unless transported over 200 miles), quantity of hazardous waste on-site 6000 kg. or less, must follow:				
21	262.34(d)(4)	Containers marked with start of accumulation date and words "Hazardous Waste"				
22	262.34(d)(4)	Must also comply with 265 Subpart C and I. See pages 4 and 5.				
23	262.34(d)(5)	i) Emergency coordinator identified				
24	262.34(d)(5)	ii) Following info posted: emergency coordinator, emergency equipment location, phone numbers				
25	262.34(d)(5)	iii) Employees must be familiar with handling and emergency procedures				
26	262.34(d)(5)	iv) Respond to emergencies				
<b>RECORD KEEPING</b>			NA	NI	OK	DF
27	262.40	RECORD KEEPING (3 yrs. for copy from manifests, TSD, biennial report, exception report, test results, waste analysis/determination, extension time for unresolved enforcement.)				
28	262.41	Biennial Report (due March 1 even numbered years) (LQG ONLY)	✓			
29	262.42	Exception Reporting (LQG: >35 days, if no return copy of manifest, contact TSD: >45 days report to IDEM, (SQG: >60 days) transportation report to IDEM)	✓			
30	262.43	Additional Reporting, if required by Commissioner (concerning quantities and disposition of wastes in 40 CFR 261)	✓			
31	262.44	SQG Recordkeeping Requirements (keep records for 3 years: manifests, exceptions, waste determination/analysis)	✓			
<b>EXPORTS</b>			NA	NI	OK	DF
32	262.52	General Requirements (notify EPA, accepted by receiving country, EPA consent)				
33	262.53	Notification of Intent to Export				
34	262.54	Special Manifest Requirements for Primary Exporters				
35	262.55	Exception Reports (>45 days from US departure, >90 days from receipt by foreign source/waste returned to US)				
36	262.56	Annual Reports (March 1 annually for waste: types, quantity, frequency, destination, waste reduction send to EPA)				
37	262.57	RECORD KEEPING (3 years for intent to export, EPA acknowledgments, confirmation of delivery, and annual reports)				
<b>IMPORTS OF HAZARDOUS WASTE</b>			NA	NI	OK	DF
38	262.60	Hazardous Waste Imports (use consignment state's manifest)				

# U.S. EPA Generator Checklist for Indiana

8/24/2010

		<b>TSD STANDARDS APPLIABLE TO GENERATORS</b>	NA	NI	OK	DF
		<b>GENERAL FACILITY STANDARDS (NA for SQG)</b>				
39	262.34 / 265.16(a)	Personnel Training (Program Adequacy)				
40	262.34 / 265.16(b)	Personnel received training within six (6) months				
41	262.34 / 265.16(c)	Personnel received annual review				
42	262.34 / 265.16(d)	Training Documents: job titles, job description, type of training, training records				
		<b>PREPAREDNESS AND PREVENTION</b>	NA	NI	OK	DF
43	262.34 / 265.31	Maintenance & Facility Operation(must be maintained & operated to minimize possibility of release)				
44	262.34 / 265.32	Required Equipment (a. Internal alarm/communication system b. External/telephone communication c. Fire extinguishers and spill control equipment d. water/foam)				
45	262.34 / 265.33	Testing & Maintenance of Equipment				
46	262.34 / 265.34	Communication & Alarm Access				
47	262.34 / 265.35	Required Aisle Space (to allow movement of spill control and emergency equipment and inspections)				
48	262.34 / 265.37	Local Authority Arrangements (police, fire, hospital)				
		<b>CONTINGENCY PLAN &amp; EMERGENCY PROCEDURES (NA for SQG)</b>	NA	NI	OK	DF
49	262.34 / 265.51	Contingency Plan for Facility				
50	262.34 / 265.52	Contingency Plan Content (SPCC plan, local arrangements, emergency coordinator, equipment list, evacuation plan, etc.)				
51	262.34 / 265.53	Contingency Plan Available (on-site, local distribution)				
52	262.34 / 265.54	Contingency Amendments (when regulations change, if plan fails, when facility makes changes)				
53	262.34 / 265.55	Emergency Coordinator available				
54	262.34 / 265.56	Emergency Procedures followed				
		<b>USE &amp; MANAGEMENT OF CONTAINERS</b>	NA	NI	OK	DF
55	262.34 / 265.171 <i>2</i>	Container Condition (If not in good condition or leaking, must transfer waste or manage in some other way)				

# U.S. EPA Generator Checklist for Indiana

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56	262.34 / 265.172	Waste Compatibility with Container				
57	262.34 / 265.173	Container Management (closed/manged to prevent leaks)				
58	262.34 / 265.174	Inspections (weekly)				
59	262.34 / 265.176	Ignitable/Reactive Waste (50 ft. set back)				
60	262.34 / 265.177	Special Requirements for Incompatible Waste (physical separation/container compatibility)				
<b>LAND DISPOSAL RESTRICTIONS</b>			NA	NI	OK	DF
61	268.3	Dilution prohibited as substitute for adequate treatment	✓		✓	
62	268.7	Waste Analysis, Recordkeeping (LDR Notifications: waste code, whether it is a wastewater or non-wastewater, waste constituents to be monitored if monitoring will not include all regulated constituents, subcategory if applicable, and manifest number.)			✓	
63	268.7 (a)(4)	Treatment in 90-day tanks/containers requires waste analysis plan and testing frequency, filed with Regional Administrator (IDEM), certification of shipment, retained copies on-site (5 yrs.), notifications include: EPA ID #, treatment standards with 5 letter code, and manifest number	✓			
64	268.7(a)(7)	Notifications must be kept on-site for five (5) years			✓	
65	268.9	Listed and characteristic waste codes assigned for listed waste exhibiting characteristic			✓	
66	268.42	Alternative treatment specified for lab packs, mixed waste: most stringent standards	✓			
67	268.45	Treatment standards for hazardous debris	✓			
<b>OTHER</b>			NA	NI	OK	DF
68	IC 13-30	Release of contaminants to environment			✓	
69	IAC 3.1-7-8	Facility has waste minimization program as certified on manifest			✓	
70	IC 13-30-2-1 (9)	Does facility have any processes or activities (e.g. waste piles, incinerators, land disposal) which require a permit or interim status? If so, please identify below:	✓			